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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Philbrick et al.

Assignee: Alacritech, Inc.

Title: "TCP/IP Offload Device With Fast-Path TCP ACK Generating And Transmitting Mechanism"

Serial No.: Unknown Filed: February 26, 2002

Examiner: Tel:

Docket No.: ALA-019 Art Unit:

Box Patent Application
Assistant Commissioner For Patents
Washington, D.C. 20231

February 26, 2002

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, §1.97 and §1.98, Applicants bring the documents listed on the enclosed forms PTO-1449 (twelve sheets) to the Examiner's attention in the above-captioned application. Citation of the listed documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant application;
2. a representation that a search has been made; or
3. an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

Copies of the documents listed on the enclosed forms PTO-1449 (but for USP 5,996,024) are not provided because these listed documents were either cited by the Examiner or submitted by Applicants in prior application (09/464,283) that is relied upon for an earlier filing date under 35 U.S.C. §120. A copy of USP 5,996,024 to Blumenau is submitted.

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231, as Express Mail EL928549021US.

Feb. 26, 2002 Lester Wallace
Date T. Lester Wallace

Respectfully submitted,

Lester Wallace

T. Lester Wallace
Attorney for Applicants
Reg. No. 34,748



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| U.S. Department of Commerce, Patent and Trademark Office | Application No.: |
| | Filing date: February 26, 2002 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Inventors: Philbrick et al. |
| | Group Art Unit: |
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| Express Mail: EL928549021US | Attorney Docket No. ALA-019 |

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| B | 4,991,133 | 05/13/86 | Davis et al. | 364 | 900 | |
| C | 5,056,058 | 10/08/91 | Hirata et al. | 709 | 230 | |
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| E | 5,163,131 | 11/10/92 | Row et al. | 395 | 200 | |
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| G | 5,280,477 | 01/18/94 | Trapp | 370 | 85.1 | |
| H | 5,289,580 | 02/22/94 | Latif et al. | 395 | 275 | |
| I | 5,303,344 | 04/12/94 | Yokoyama et al. | 395 | 275 | |
| J | 5,412,782 | 05/02/95 | Hausman et al. | 395 | 250 | |
| K | 5,448,566 | 09/05/95 | Richter et al. | 370 | 94.1 | |

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| | O | Zilog product Brief entitled "Z85C30 CMOS SCC Serial Communication Controller", Zilog Inc., 3 pages, 1997. |
| | P | Internet pages of Xpoint Technologies, Inc. entitled "Smart LAN Work Requests", 5 pages, printed 12/19/97. |
| | Q | Internet pages entitled: Asante and 100BASE-T Fast Ethernet. 7 pages, printed 5/27/97. |

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| | D | 5,548,730 | 08/20/96 | Young et al. | 395 | 280 | |
| | E | 5,588,121 | 12/24/96 | Reddin et al. | 395 | 200.15 | |
| | F | 5,566,170 | 10/15/96 | Bakke et al | 370 | 60 | |
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| | I | 5,629,933 | 05/13/97 | Delp et al. | 370 | 411 | |
| | J | 5,634,099 | 05/27/97 | Andrews et al | 395 | 200.07 | |
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| | N | Internet pages entitled: A Guide to the Paragon XP/S-A7 Supercomputer at Indiana University. 13 pages, printed 12/21/98. |
| | O | Richard Stevens, "TCP/IP Illustrated, Volume 1, The Protocols", pages 325-326 (1994). |
| | P | Internet pages entitled: Northridge/Southbridge vs. Intel Hub Architecture, 4 pages, printed 2/19/01. |
| | Q | Gigabit Ethernet Technical Brief, Achieving End-to-End Performance. Alteon Networks, Inc., First Edition, September 1996. |

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| | N | Internet pages directed to Technical Brief on Alteon Ethernet Gigabit NIC technology, www.alteon.com , 14 pages, printed 3/15/97. |
| | O | VIA Technologies, Inc. article entitled "VT8501 Apollo MVP4", pages i-iv, 1-11, cover and copyright page, revision 1.3, Feb. 1, 2000. |
| | P | iReady News Archives article entitled "iReady Rounding Out Management Team with Two Key Executives", http://www.ireadyco.com/archives/keyexec.html , 2 pages, printed 11/28/98. |
| | Q | "Toshiba Delivers First Chips to Make Consumer Devices Internet-Ready Based On iReady's Design," Press Release October, 1998, 3 pages, printed 11/28/98. |

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| | C | 5,758,186 | 05/26/98 | Hamilton et al. | 395 | 831 | |
| | D | 5,758,194 | 05/26/98 | Kuzma | 395 | 886 | |
| | E | 5,771,349 | 06/23/98 | Picazo, Jr. et al. | 395 | 188.01 | |
| | F | 5,790,804 | 08/04/98 | Osborne | 395 | 200.75 | |
| | G | 5,794,061 | 08/11/98 | Hansen et al. | 395 | 800.01 | |
| | H | 5,802,580 | 09/01/98 | McAlpice | 711 | 149 | |
| | I | 5,809,328 | 09/15/98 | Nogales et al. | 395 | 825 | |
| | J | 5,812,775 | 09/22/98 | Van Seeters et al. | 395 | 200.43 | |
| | K | 5,815,646 | 09/29/98 | Purcell et al. | 395 | 163 | |

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| | L | WO 01/04770 A2 | 01/18/01 | PCT/US00/18939 | | | | | |
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| N | Internet pages from iReady Products, web site http://www.ireadyco.com/products.html , 2 pages, downloaded 11/25/98. |
| O | iReady News Archives, Toshiba, iReady shipping Internet chip, 1 page, printed 11/25/98. |
| P | Interprophet article entitled "Technology", http://www.interprophet.com/technology.html , 17 pages, printed 3/1/00. |
| Q | iReady Corporation, article entitled "The I-1000 Internet Tuner", 2 pages, date unknown. |

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| | A | 5,878,225 | 03/02/99 | Bilansky et al. | 395 | 200.57 | |
| | B | 5,913,028 | 06/15/99 | Wang et al. | 395 | 200.33 | |
| | C | 5,930,830 | 07/27/99 | Mendelson et al. | 711 | 171 | |
| | D | 5,931,918 | 08/03/99 | Row et al | 709 | 300 | |
| | E | 5,935,205 | 08/10/99 | Murayama et al. | 709 | 216 | |
| | F | 5,937,169 | 08/10/99 | Connery et al. | 395 | 200.8 | |
| | G | 5,941,969 | 08/24/99 | Ram et al. | 710 | 128 | |
| | H | 5,941,972 | 08/24/99 | Hoesse et al. | 710 | 129 | |
| | I | 5,950,203 | 09/07/99 | Stakuis et al. | 707 | 10 | |
| | J | 5,991,299 | 11/23/99 | Radogna et al. | 370 | 392 | |
| | K | 5,996,024 | 11/30/99 | Blumenau | 709 | 301 | |

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| | L | WO/98/50852 | 11/12/98 | PCT/US98/08719 | | | | | |
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| | N | iReady article entitled "About Us Introduction", Internet pages from http://www.iReadyco.com/about.html , 3 pages, printed 11/25/98. |
| | O | iReady News Archive article entitled "Revolutionary Approach to Consumer Electronics Internet Connectivity Funded", San Jose, CA, November 20, 1997. 2 pages, printed 11/2/98. |
| | P | iReady News Archive article entitled "Seiko Instruments Inc. (SII) INTRODUCES WORLD'S FIRST INTERNET-READY INTELLIGENT LCD MODULES BASED ON IREADY TECHNOLOGY," Santa Clara, CA and Chiba, Japan, October 26, 1998. 2 pages, printed 11/2/98. |
| | Q | NEWSwatch article entitled "iReady internet Tuner to Web Enable Devices", Tuesday, November 5, 1996, printed 11/2/98. |

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| | A | 6,005,849 | 12/21/99 | Roach et al. | 370 | 276 | |
| | B | 6,009,478 | 12/28/99 | Panner et al. | 710 | 5 | |
| | C | 6,016,513 | 01/18/00 | Lowe | 709 | 250 | |
| | D | 6,026,452 | 02/15/00 | Pitts | 710 | 56 | |
| | E | 6,034,963 | 03/07/00 | Minami et al. | 370 | 401 | |
| | F | 6,044,438 | 03/28/00 | Olnowich | 711 | 130 | |
| | G | 6,047,356 | 04/04/00 | Anderson et al. | 711 | 129 | |
| | H | 6,057,863 | 05/02/00 | Olarig | 345 | 520 | |
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| | K | 6,141,705 | 10/31/00 | Anand et al. | 710 | 15 | |

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| | | Document Number | Date | Country | Class | Subclass | Yes | No |
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| O | "Comparison of Novell Netware and TCP/IP Protocol Architectures", by J.S. Carbone, 19 pages, printed 4/10/98. |
| P | Adaptec article entitled "AEA-7110C-a DuraSAN product", 11 pages, printed 10/1/01. |
| Q | iSCSI HBA article entitled "iSCSI and 2Gigabit fibre Channel Host Bus Adapters from Emulex, QLogic, Adaptec, JNI", 8 pages, printed 10/01/01. |

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| | D | 60/053,240 | | Jolitz et al. | | | 07/18/97 |
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| | O | ISCSI.com article entitled "iSCSI Storage", 2 pages, printed 10/01/01. |
| | P | "Two-Way TCP Traffic Over Rate Controlled Channels: Effects and Analysis", by Kalampoukas et al., IEEE Transactions on Networking, vol. 6, no. 6, December 1998. |
| | Q | IReady News article entitled "Toshiba Delivers First Chips to Make Consumer Devices Internet-Ready Based on iReady Design", Santa Clara, CA, and Tokyo, Japan, October 14, 1998, printed 11/2/98. |

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| | N | United States Patent Application No. 08/964,304, by Napolitano, et al., entitled "File Array Storage Architecture", filed 11/04/97. |
| | O | "File System Design For An NFS File Server Appliance", Article by D. Hitz, et al., 13 pages. |
| | P | Adaptec Press Release article entitled "Adaptec Announces EtherStorage Technology", 2 pages, May 4, 2000, printed 6/14/00. |
| | Q | Adaptec article entitled "EtherStorage Frequently Asked Questions", 5 pages, printed 7/19/00. |

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| | N | Adaptec article entitled "EtherStorage White Paper", 7 pages, printed 7/19/00. |
| | O | CIBC World Markets article entitled "Computers; Storage", by J. Berlino et al., 9 pages, dated August 7, 2000. |
| | P | Merrill Lynch article entitled "Storage Futures", by S. Milunovich, 22 pages, dated May 10, 2000. |
| | Q | CBS Market Watch article entitled "Montreal Start-Up Battles Data Storage Bottleneck", by S. Taylor, dated March 5, 2000, 2 pages, printed 3/7/00. |

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Foreign Patent Documents

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| | L | | | | | | | | |
| | M | | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|---|--|
| | N | Internet-draft article entitled "SCSI/TCP (SCSI over TCP)", by J. Satran et al., 38 pages, dated February 2000, printed 5/19/00. |
| | O | Internet pages entitled "Technical White Paper-Xpoint's Disk to LAN Acceleration Solution for Windows NT Server, printed 6/5/97. |
| | P | Jato Technologies article entitled "Network Accelerator Chip Architecture, twelve-slide presentation, printed 8/19/98. |
| | Q | EETimes article entitled "Enterprise System Uses Flexible Spec, dated August 10, 1998, printed 11/25/98. |

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| Examiner | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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| U.S. Department of Commerce, Patent and Trademark Office | | Application No.: |
| | | Filing date: February 26, 2002 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Inventors: Philbrick et al. |
| | | Group Art Unit: |
| TCP/IP Offload Device With Fast-Path TCP ACK Generating And Transmitting Mechanism | | Examiner name: Unknown |
| Express Mail: EL928549021US | | Attorney Docket No. ALA-019 |

U.S. Patent Documents

| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date, If Appropriate |
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Foreign Patent Documents

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|---|--|
| | N | Internet pages entitled "Smart Ethernet Network Interface Cards", which Berend Ozceri is developing, printed 11/25/98. |
| | O | |
| | P | Internet pages of Xaqti corporation entitled "GigaPower Protocol Processor Product Review," printed 11/25/98. |
| | Q | Internet pages entitled "DART: Fast Application Level Networking via Data-Copy Avoidance," by Robert J. Walsh, printed 6/3/99. |

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| Express Mail: EL928549021US | | Attorney Docket No. ALA-019 |

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Foreign Patent Documents

| | | Document Number | Date | Country | Class | Subclass | Translation | Yes | No |
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| | M | | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|---|---|
| | N | Internet pages of InterProphet entitled "Frequently Asked Questions", by Lynne Jolitz, printed 6/14/00. |
| | O | Internet pages entitled "iReady Products, printed 11/25/98. |
| | P | Andrew S. Tanenbaum, Computer Networks, Third Edition, 1996, ISBN 0-13-349945-6, (entire book). |
| | Q | |

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| Examiner | Date Considered |
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